

M 6.1, 30km WSW of Villa La Angostura, Argentina

Origin Time: 2019-09-26 16:36:18 UTC (Thu 13:36:18 local)

Location: 40.8158° S 72.0028° W Depth: 129.0 km

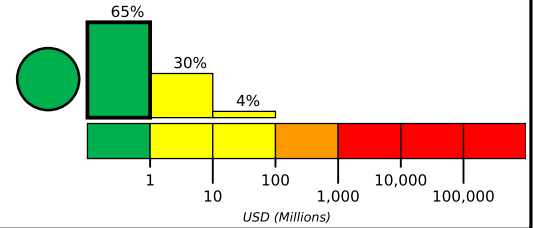
Created: 1 day, 1 hour after earthquake

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.



Estimated Economic Losses

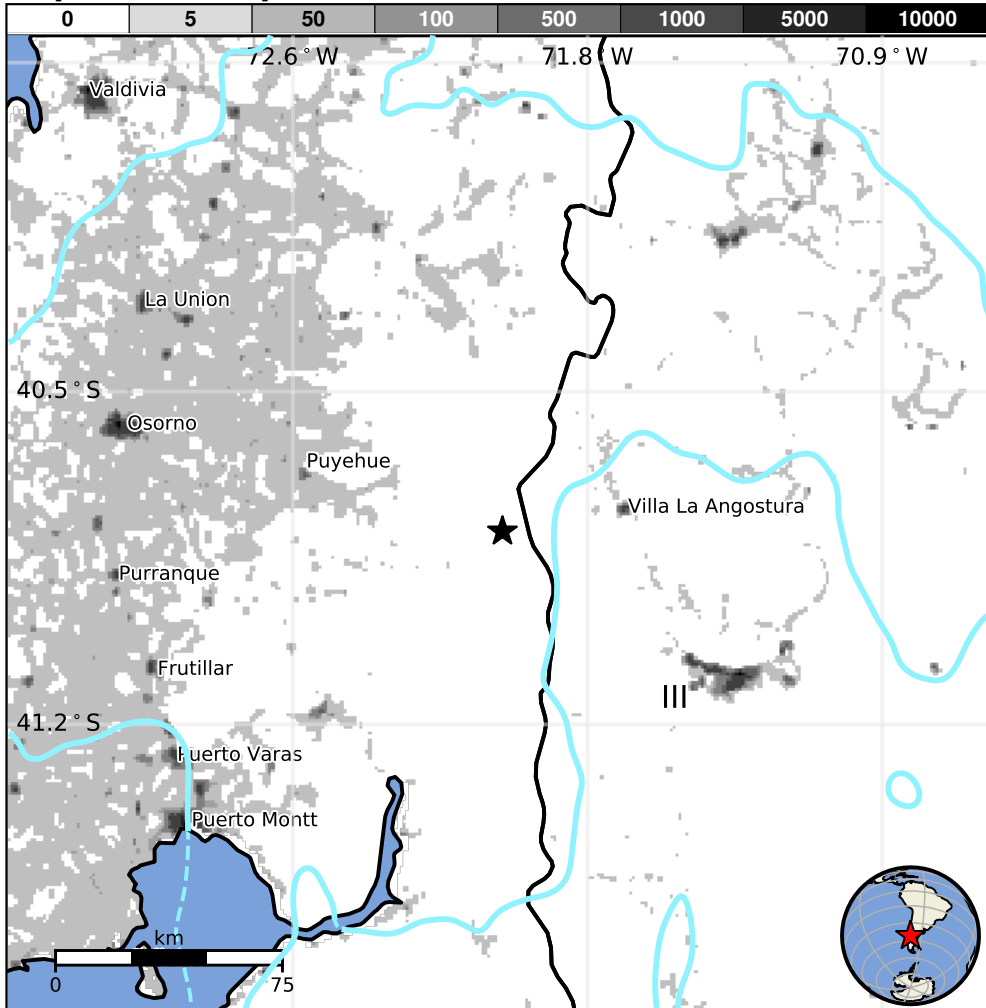


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)	—*	479k*	698k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though vulnerable structures exist. The predominant vulnerable building types are adobe block and rubble/field stone masonry construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1998-04-01	260	6.7	V(284k)	—
1960-05-22	294	9.6	IX(227k)	—
1960-05-22	294	9.6	IX(227k)	0

Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Puyehue	4k
IV	La Ensenada	1k
IV	Osorno	136k
IV	Rio Bueno	15k
IV	Purranque	14k
IV	La Union	26k
IV	Puerto Montt	160k
III	Puerto Varas	25k
III	Valdivia	133k
III	Las Animas	30k
III	San Carlos de Bariloche	95k

PAGER content is automatically generated, and only considers losses due to structural damage.

Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us700051t4#pager>

bold cities appear on map.

(k = x1000)

Event ID: us700051t4